

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058786.D
 Acq On : 21 Aug 2023 9:36
 Operator : MA/JU
 Sample : PB154945BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154945BL

Quant Time: Aug 22 01:23:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

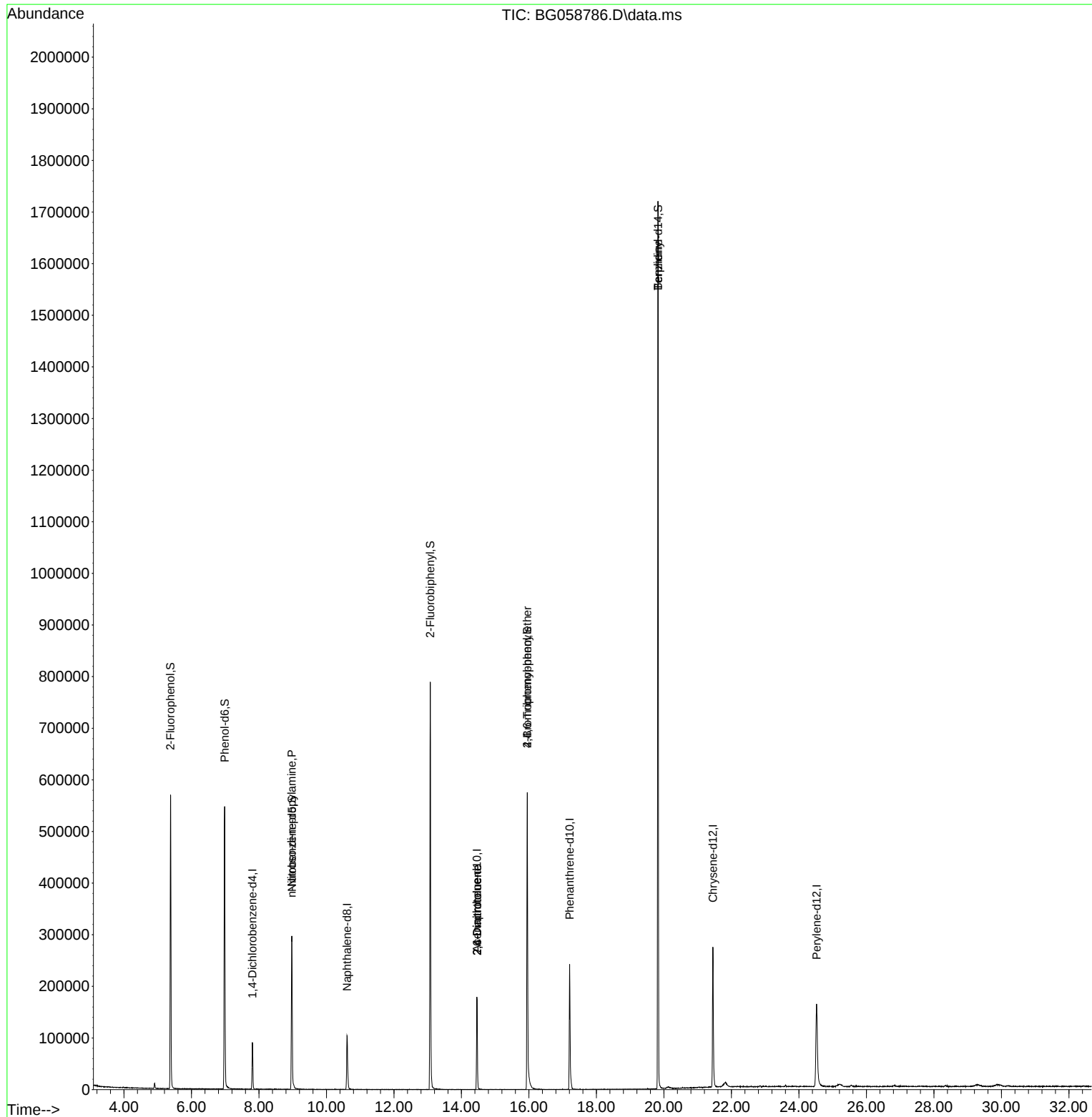
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	25931	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	106042	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	73350	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	192428	20.000	ng	0.00
76) Chrysene-d12	21.448	240	187434	20.000	ng	0.00
86) Perylene-d12	24.521	264	225037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	234930	145.796	ng	0.00
7) Phenol-d6	6.983	99	308959	136.661	ng	0.00
23) Nitrobenzene-d5	8.975	82	189743	86.026	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	148771	129.353	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	455443	90.310	ng	0.00
79) Terphenyl-d14	19.827	244	951835	91.184	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.969	70	24358	16.668	ng	# 74
51) 2,6-Dinitrotoluene	14.463	165	9706	8.135	ng	# 22
57) 2,4-Dinitrotoluene	14.463	165	9706	5.832	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	9370	4.437	ng	# 1
77) Benzidine	19.821	184	13806	4.110	ng	# 92

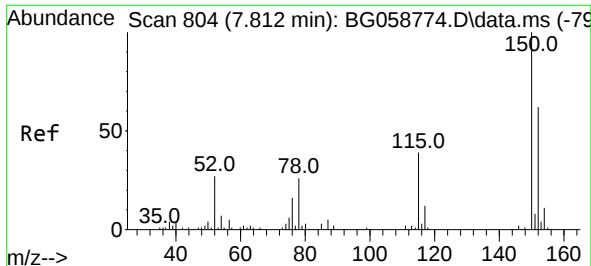
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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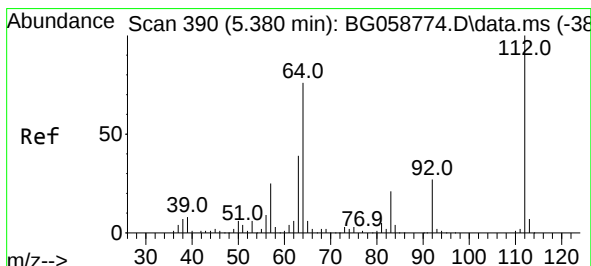
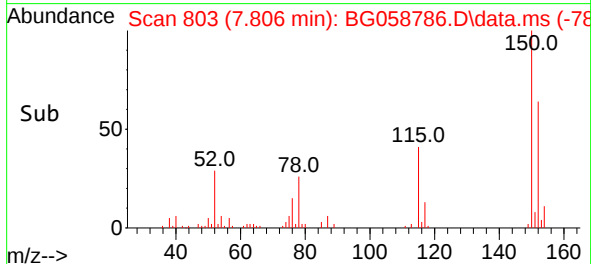
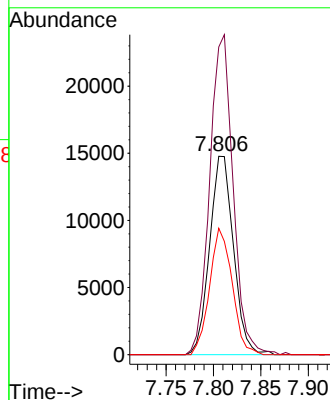
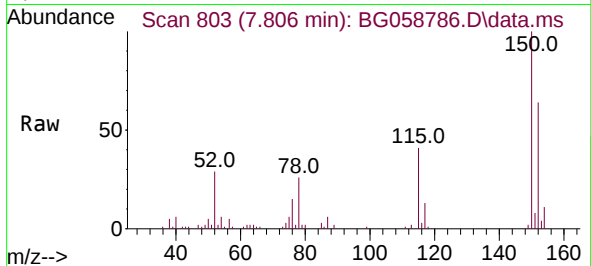




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

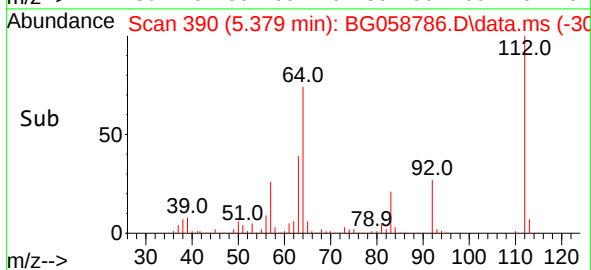
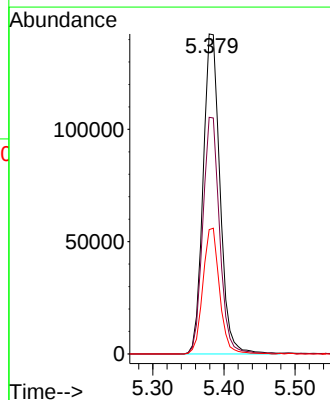
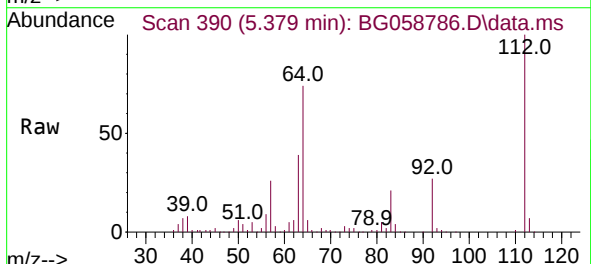
Instrument :
BNA_G
ClientSampleId :
PB154945BL

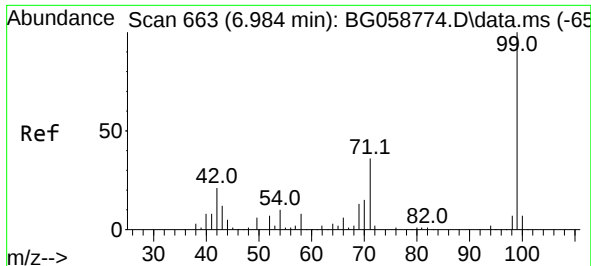
Tgt Ion:152 Resp: 25931
Ion Ratio Lower Upper
152 100
150 155.2 128.6 192.8
115 63.7 50.4 75.6



#5
2-Fluorophenol
Concen: 145.796 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

Tgt Ion:112 Resp: 234930
Ion Ratio Lower Upper
112 100
64 73.9 60.6 90.8
63 38.8 31.0 46.4

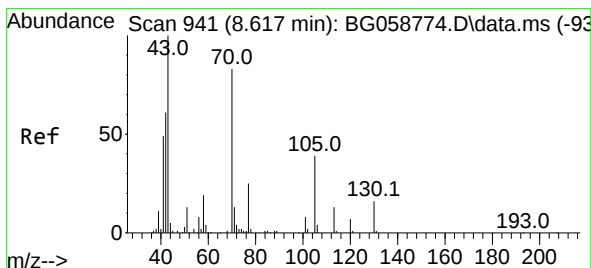
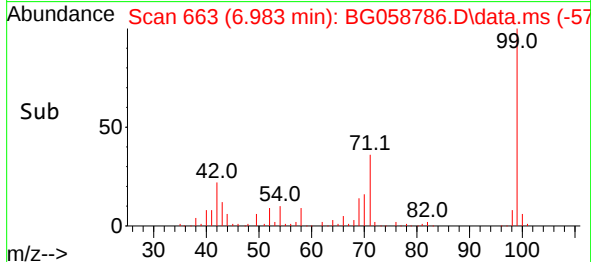
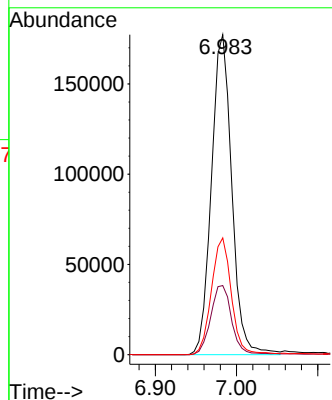
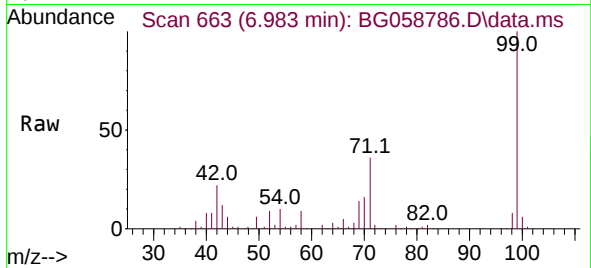




#7
Phenol-d6
Concen: 136.661 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

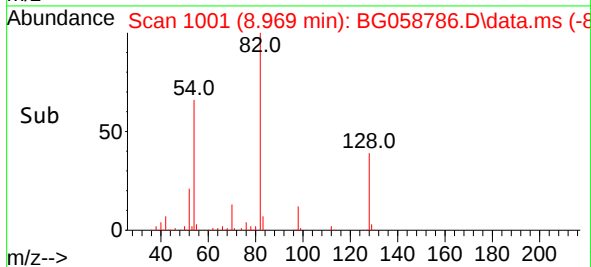
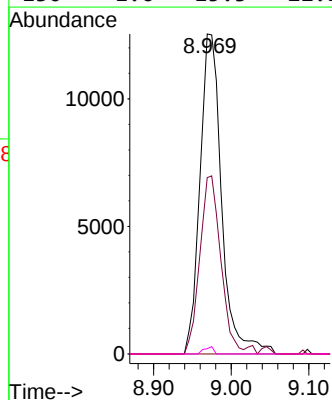
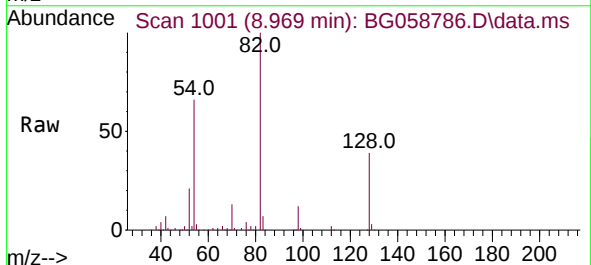
Instrument :
BNA_G
ClientSampleId :
PB154945BL

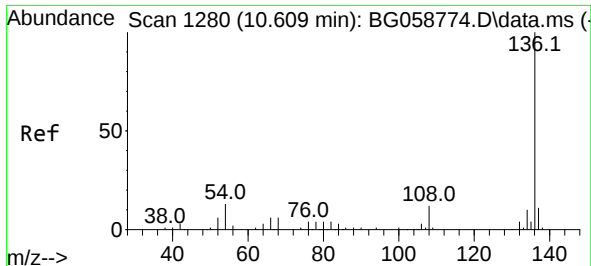
Tgt Ion: 99 Resp: 308959
Ion Ratio Lower Upper
99 100
42 21.6 16.5 24.7
71 36.5 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.668 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.352 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

Tgt Ion: 70 Resp: 24358
Ion Ratio Lower Upper
70 100
42 55.1 59.2 88.8#
101 0.0 8.2 12.2#
130 1.6 15.3 22.9#





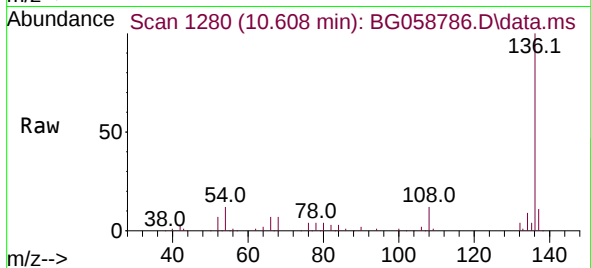
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

Instrument :

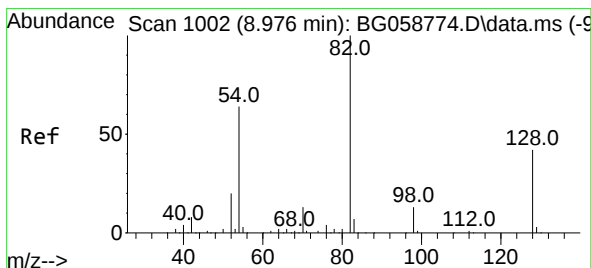
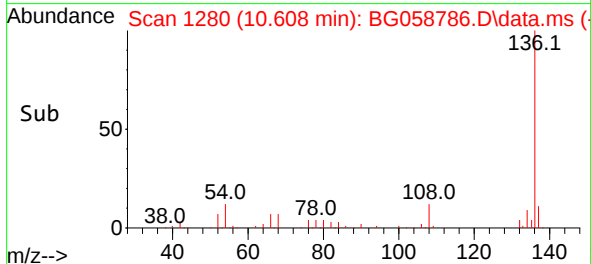
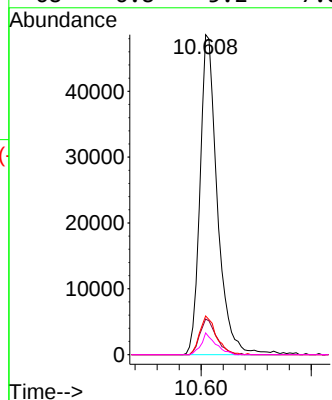
BNA_G

ClientSampleId :

PB154945BL

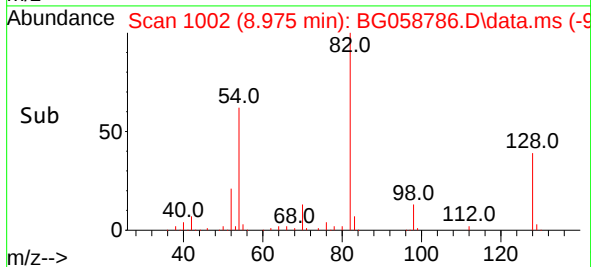
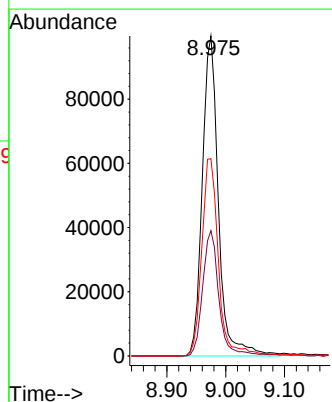
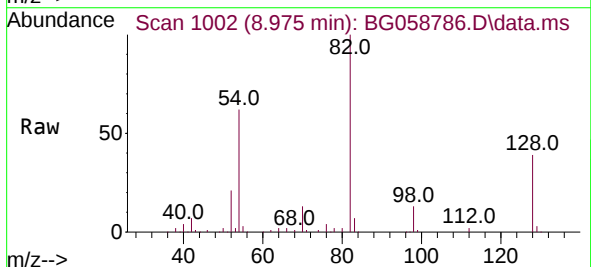


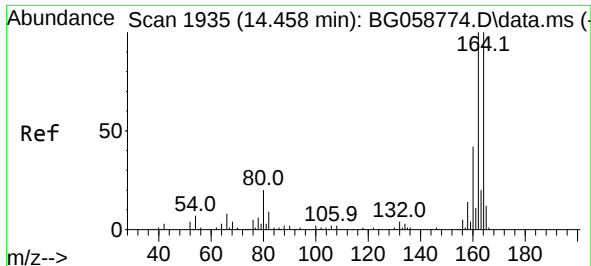
Tgt Ion:136 Resp: 106042
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 12.1 10.1 15.1
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 86.026 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

Tgt Ion: 82 Resp: 189743
Ion Ratio Lower Upper
82 100
128 39.1 33.2 49.8
54 61.6 51.2 76.8

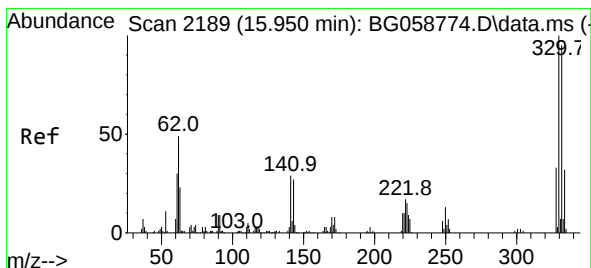
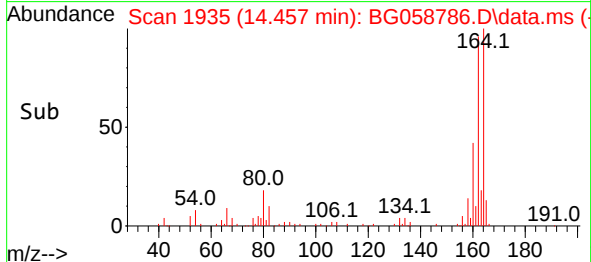
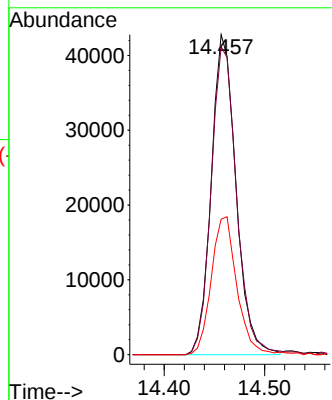
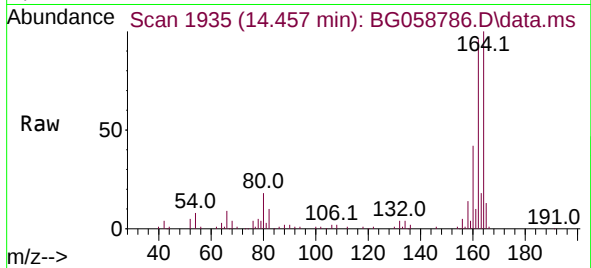




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

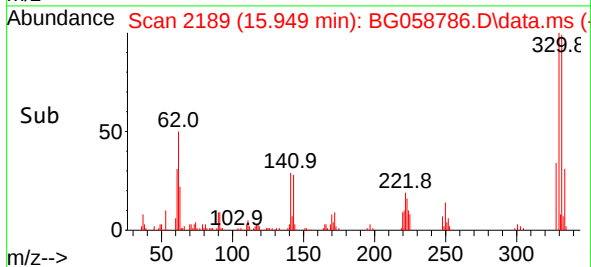
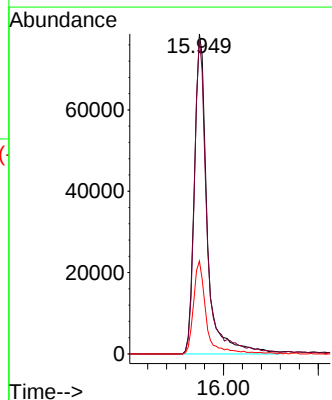
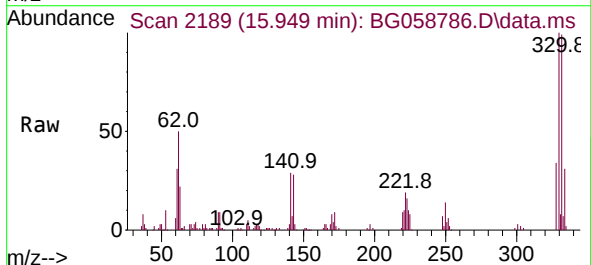
Instrument :
BNA_G
ClientSampleId :
PB154945BL

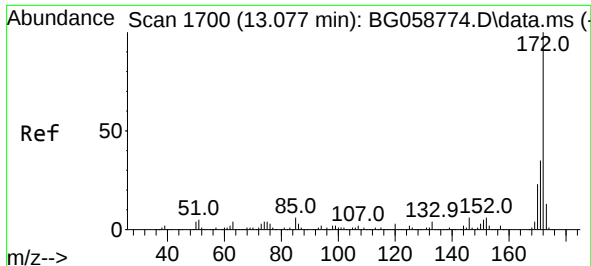
Tgt Ion:164 Resp: 73350
Ion Ratio Lower Upper
164 100
162 96.3 79.6 119.4
160 42.3 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 129.353 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

Tgt Ion:330 Resp: 148771
Ion Ratio Lower Upper
330 100
332 96.8 78.5 117.7
141 28.4 23.0 34.6

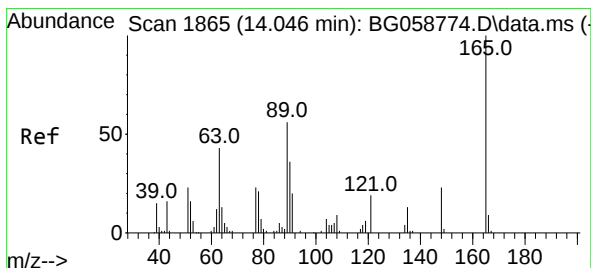
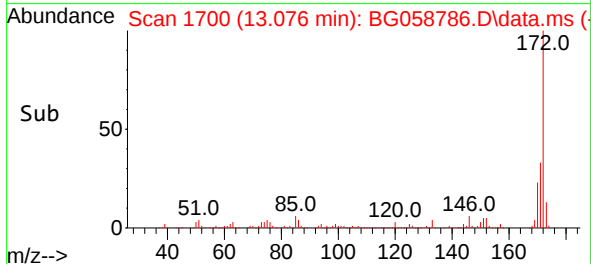
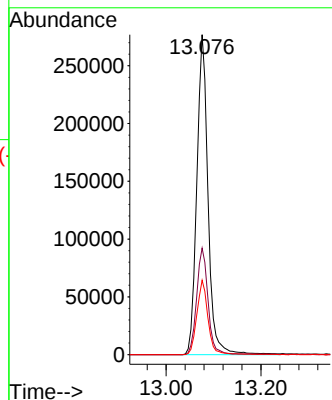
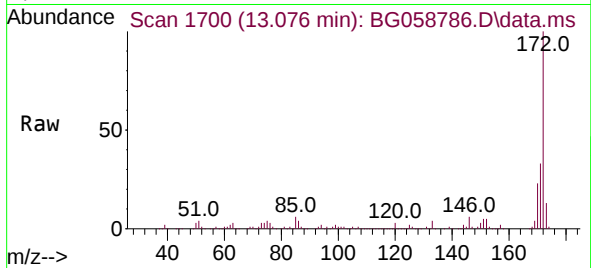




#45
2-Fluorobiphenyl
Concen: 90.310 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

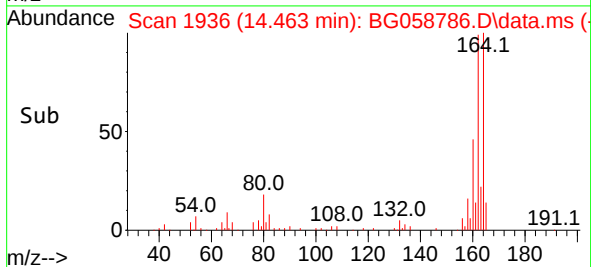
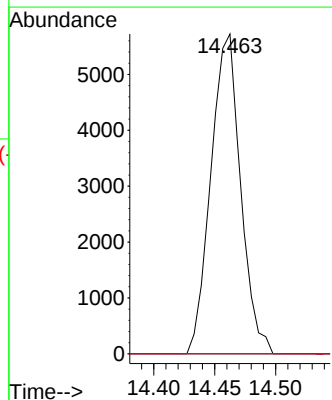
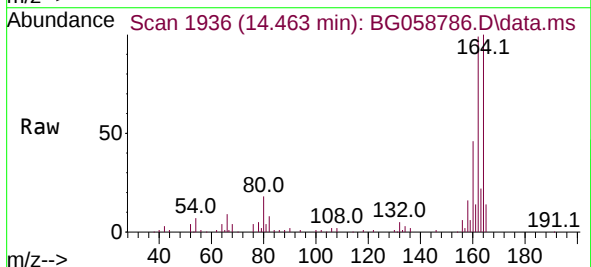
Instrument :
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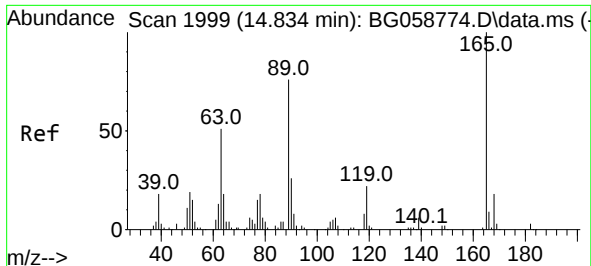
Tgt Ion:172 Resp: 455443
Ion Ratio Lower Upper
172 100
171 33.3 28.1 42.1
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.135 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.416 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

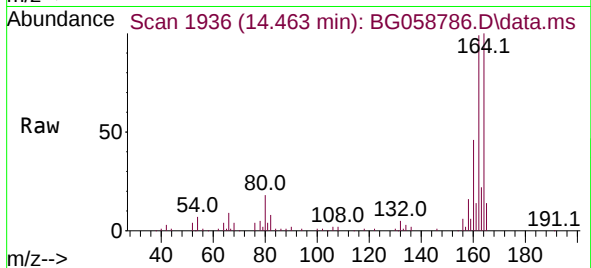
Tgt Ion:165 Resp: 9706
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#



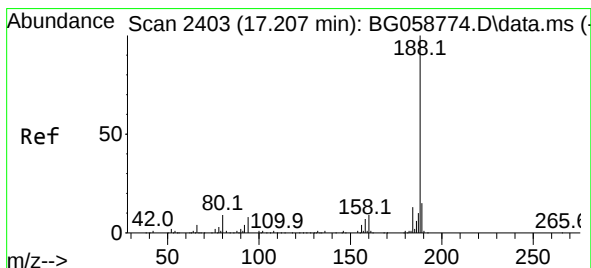
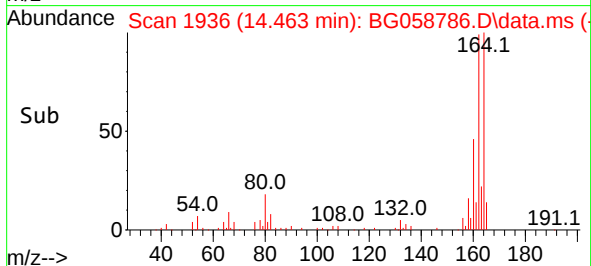
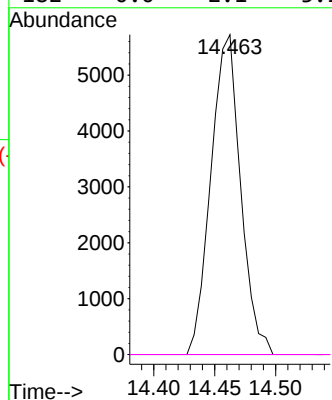


#57
2,4-Dinitrotoluene
Concen: 5.832 ng
RT: 14.463 min Scan# 1999
Delta R.T. -0.371 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

Instrument :
BNA_G
ClientSampleId :
PB154945BL

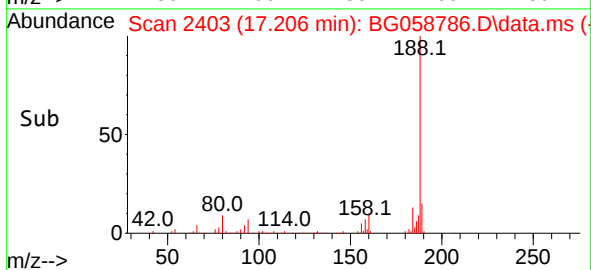
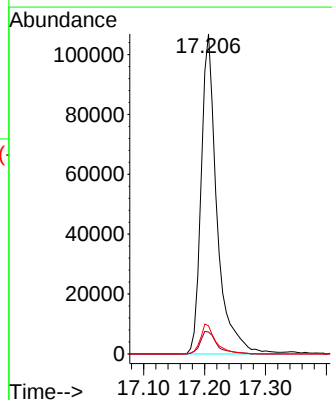
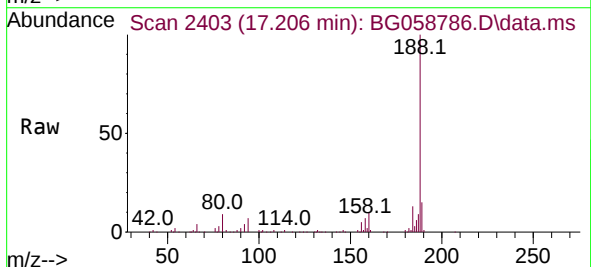


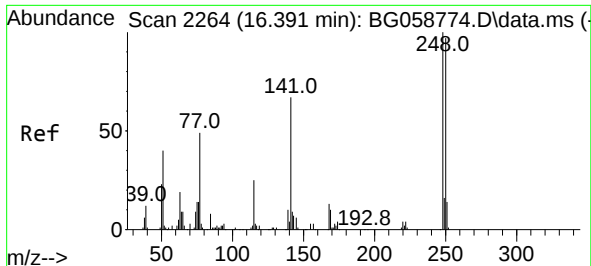
Tgt Ion:165	Resp:	9706
Ion	Ratio	Lower Upper
165	100	
63	0.0	41.8 62.6#
89	0.0	60.7 91.1#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.001 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

Tgt Ion:188	Resp:	192428
Ion	Ratio	Lower Upper
188	100	
94	6.8	6.1 9.1
80	8.8	6.9 10.3

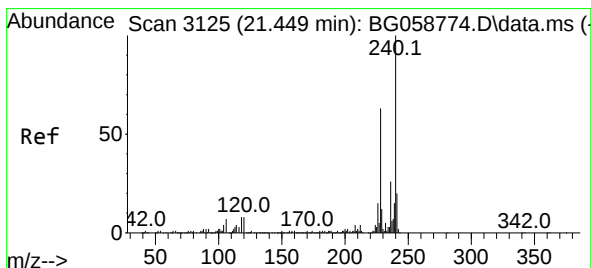
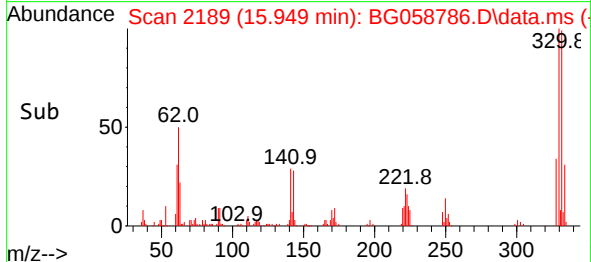
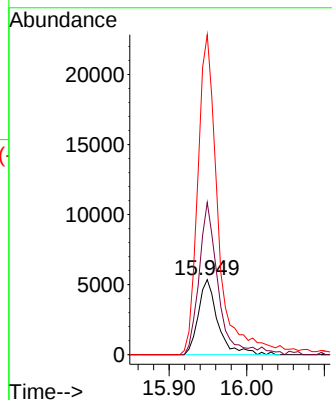
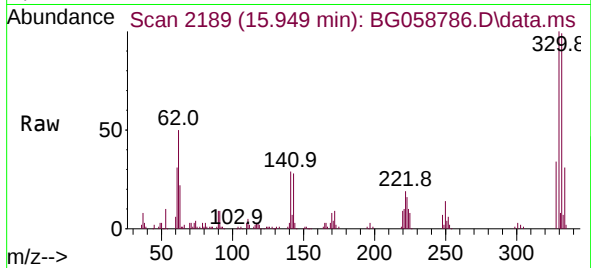




#67
4-Bromophenyl-phenylether
Concen: 4.437 ng
RT: 15.949 min Scan# 211
Delta R.T. -0.442 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

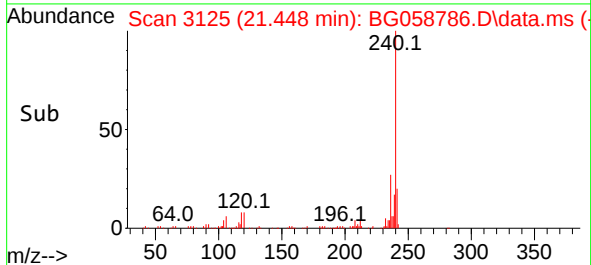
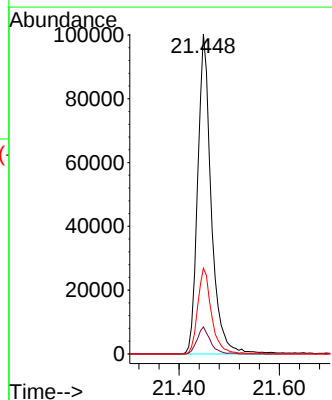
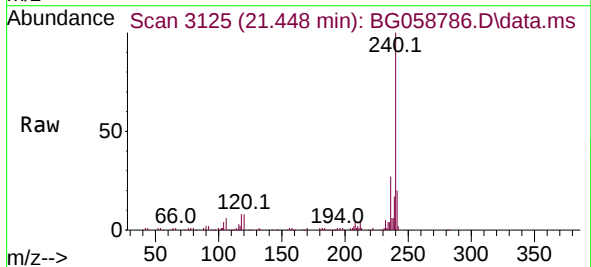
Instrument :
BNA_G
ClientSampleId :
PB154945BL

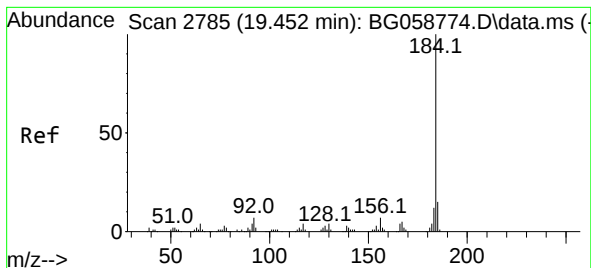
Tgt Ion:248 Resp: 9370
Ion Ratio Lower Upper
248 100
250 202.9 77.7 116.5#
141 426.5 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058786.D
Acq: 21 Aug 2023 9:36

Tgt Ion:240 Resp: 187434
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.2
236 26.8 20.5 30.7





#77

Benzidine

Concen: 4.110 ng

RT: 19.821 min Scan# 2848

Delta R.T. 0.369 min

Lab File: BG058786.D

Acq: 21 Aug 2023 9:36

Instrument :

BNA_G

ClientSampleId :

PB154945BL

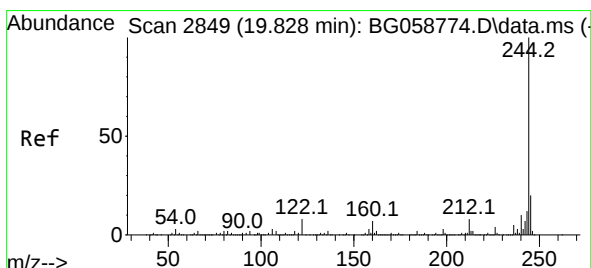
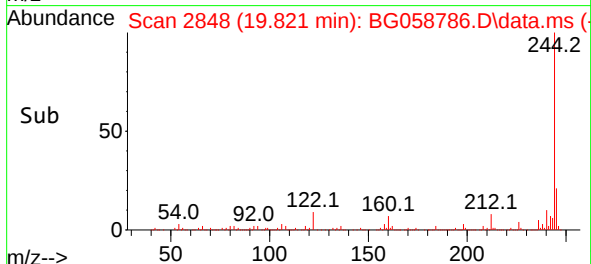
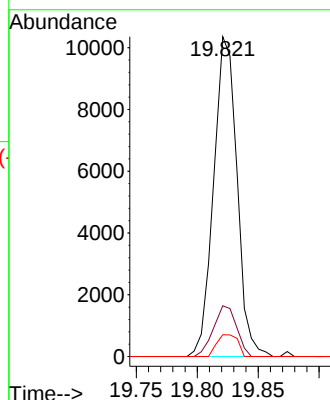
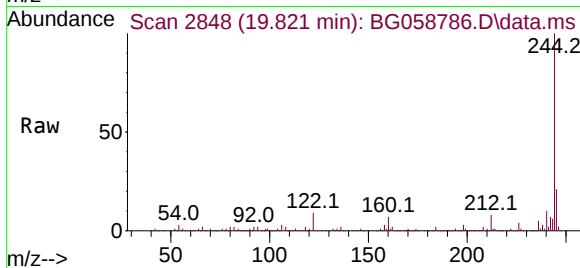
Tgt Ion:184 Resp: 13806

Ion Ratio Lower Upper

184 100

185 15.9 11.9 17.9

183 6.8 10.0 15.0#



#79

Terphenyl-d14

Concen: 91.184 ng

RT: 19.827 min Scan# 2849

Delta R.T. -0.001 min

Lab File: BG058786.D

Acq: 21 Aug 2023 9:36

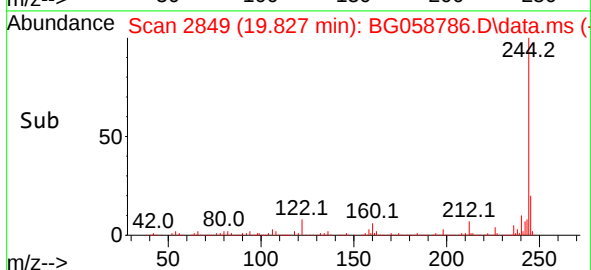
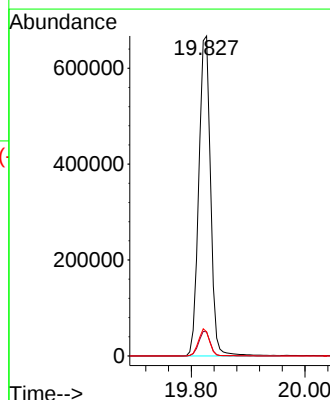
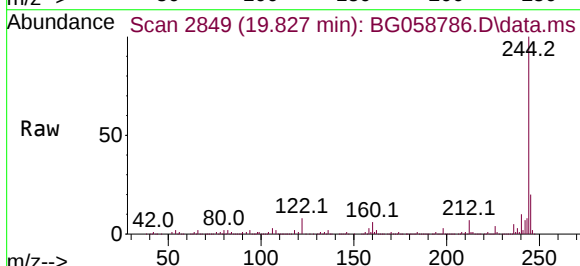
Tgt Ion:244 Resp: 951835

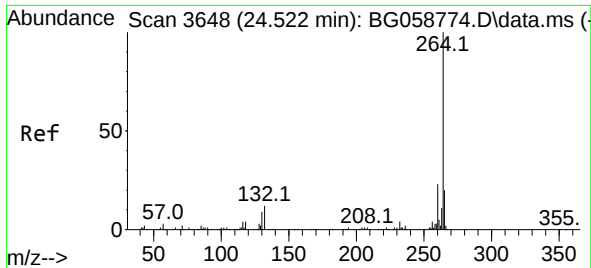
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 7.5 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG058786.D
 Acq: 21 Aug 2023 9:36

Instrument :
 BNA_G
 ClientSampleId :
 PB154945BL

Tgt Ion:264 Resp: 225037
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.2 27.2
 265 21.6 16.4 24.6

